SM Retrofit: Countywide -- No. 808726

Category Agency Planning Area

Relocation Impact

Conservation of Natural Resources

Environmental Protection

Countywide None

Date Last Modified Previous PDF Page Number Required Adequate Public Facility January 3, 2004 7-238(04 App)

EXPENDITURE SCHEDULE (\$000)

					DO (40)	,				
Total	Thru FY03	Est. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
3,110	0	620	2,490	890	320	320	320	320	320	0
		, , , , , , , , , , , , , , , , , , , ,				Automotive in reason				
0	0	0	0	0	0	0	0	0	0	0
8,358	0	1,658	6,700	2,625	815	815	815	815	815	0
0	0	0	0	0	0	σ	0	0	0	0
11,468	0	2,278	9,190	3,515	1,135	1,135	1,135	1,135	1,135	*
			FUNDING	G SCHEDL	JLE (\$000)					
3,332	0	1,430	1,902	317	317	317	317	317	317	
280	0	280	0	0	0	0	0	0	0	0
1,701	0	243	1,458	243	243	243	243	243	243	0
6,155	0	325	5,830	2,955	575	575	575	575	575	0
	L	ANNU	AL OPERA	TING BUD	GET IMPA	CT (\$000)				
T			360	134	44	47	44	47	44	0
			360	134	44	47	44	47	44	0
	3,110 0 8,358 0 11,468 3,332 280 1,701	Total FY03 3,110 0 0 0 8,358 0 0 0 11,468 0 3,332 0 280 0 1,701 0	Thru FS1. FY04 3,110 0 620 0 0 0 8,358 0 1,658 0 0 0 11,468 0 2,278 3,332 0 1,430 280 0 280 1,701 0 243 6,155 0 325	Thru FY03 FY04 6 Years 3,110 0 620 2,490 0 0 0 0 0 8,358 0 1,658 6,700 0 0 0 0 11,468 0 2,278 9,190 FUNDING 3,332 0 1,430 1,902 280 0 280 0 1,701 0 243 1,458 6,155 0 325 5,830 ANNUAL OPERA 360	Thru FY03 FY04 6 Years FY05 3,110 0 620 2,490 890 0 0 0 0 0 0 0 8,358 0 1,658 6,700 2,625 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total FY03 FY04 6 Years FY05 FY06 3,110 0 620 2,490 890 320 0 0 0 0 0 0 0 0 0 0 8,358 0 1,658 6,700 2,625 815 0 0 0 0 0 0 0 0 11,468 0 2,278 9,190 3,515 1,135 FUNDING SCHEDULE (\$000) 3,332 0 1,430 1,902 317 317 280 0 280 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total FY03 FY04 6 Years FY05 FY06 FY07 3,110 0 620 2,490 890 320 320 0 0 0 0 0 0 0 0 0 0 0 8,358 0 1,658 6,700 2,625 815 815 815 0 0 0 0 0 0 0 0 0 0 0 0 0 11,468 0 2,278 9,190 3,515 1,135 1,135 FUNDING SCHEDULE (\$000) 3,332 0 1,430 1,902 317 317 317 280 0 280 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Fy03 Fy04 6 Years Fy05 Fy06 Fy07 Fy08 3,110 0 620 2,490 890 320 320 320 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total FY03 FY04 6 Years FY05 FY06 FY07 FY08 FY09 3,110 0 620 2,490 890 320 320 320 320 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Thru FY03 Est. FY04 Total 6 Years FY05 FY06 FY07 FY08 FY09 FY10 3,110 0 620 2,490 890 321 321 321 <t< td=""></t<>

DESCRIPTION

This project provides for the design and construction of stormwater management retrofit projects. The Department of Environmental Protection (DEP) conducts assessments of watershed management needs and related facility planning evaluations of retrofit project alternatives under Facility Planning: SM. Based upon results of these evaluations, specific retrofit projects are designed and constructed. Adding new stormwater controls in developed areas which lack such controls is required in the County's NPDES Municipal Stormwater Discharge Permit. Where feasible, designs of retrofit projects include wetland features to add habitat and help address wetland goals of the Chesapeake Bay 2000 Agreement. In small drainage areas, retrofit projects may also include biofiltration, bioretention or stormwater filtering devices.

Service Area

Countywide.

JUSTIFICATION

This project will improve water quality and improve and protect habitat conditions in local streams. The project: supports the goals of the Chesapeake Bay tributary strategy initiatives and the Anacostia Watershed Restoration Agreement; addresses County municipal NPDES discharge permit requirements; and implements the County's adopted water quality goals (Chapter 19, Article IV).

Plans and Studies

Inventories of potential projects have been conducted under Facility Planning: SM (PDF 809319) in the Upper Paint Branch, Rock Creek, Cabin John Creek, Hawlings River and Northwest Branch watersheds. These studies have identified over 140 potential stormwater management retrofit projects for future design and construction. Watershed modeling studies to prioritize projects have been completed in Upper Paint Branch, Northwest Branch and Rock Creek. The Countywide Stream Protection Strategy (CSPS) is used to target projects to priority subwatersheds determined based upon stream resource conditions and opportunities to improve or stabilize eroded or degraded stream habitat.

Cost Change

Increase due to the addition of FY09 and FY10 to this ongoing project.

STATUS

Construction FY04 - Matthew Henson I & II, Peppertree, LID Upper Paint Branch III, and Dumont Oaks; Construction FY05 - Upper Paint Branch III, NIH, and Dunlop; Construction FY06 - Olney Oaks, and Ken Gar.

ADDRODRIATION AND

DEP anticipates receiving approximately 50 percent State aid for projects included as part of this project. *Expenditures will continue indefinitely.

Date First Appropriation	FY87	(\$000)
Initial Cost Estimate		66Ó
First Cost Estimate		
Current Scope	FY05	11,468
Last FY's Cost Estimate		9,613
Present Cost Estimate		11,468
Appropriation Request	FY05	1,135
Appropriation Request Est.	FY06	1,135
Supplemental		
Appropriation Request	FY04	0
Transfer		0
Cumulative Appropriation		4,658
Expenditures/		
Encumbrances		532
Unencumbered Balance		4,126
Partial Closeout Thru	FY02	4,740
New Partial Closeout	FY03	415
Total Partial Closeout		5,155

COORDINATION DPWT

M-NCPPC

DPS

Maryland Department of the Environment Natural Resources Conservation Service U.S. Army Corps of Engineers

The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

